

## **METHOD FOR ISCHEMIA DETECTION BY IMPLANTABLE CARDIAC DEVICE**

### Abstract

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A cardiac device in which heart rate variability is computed in order to detect changes indicative of cardiac ischemia. In the case where the device is a pacemaker, the device may alter its pacing mode to limit the rate at which paces are delivered when ischemia is detected. Examples of such pacing mode alterations include  
10 discontinuing of rate-adaptive pacing, modification of the responsiveness of the rate-adaptive algorithm, or the decreasing of the maximum allowable pacing rate.

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